



1/20

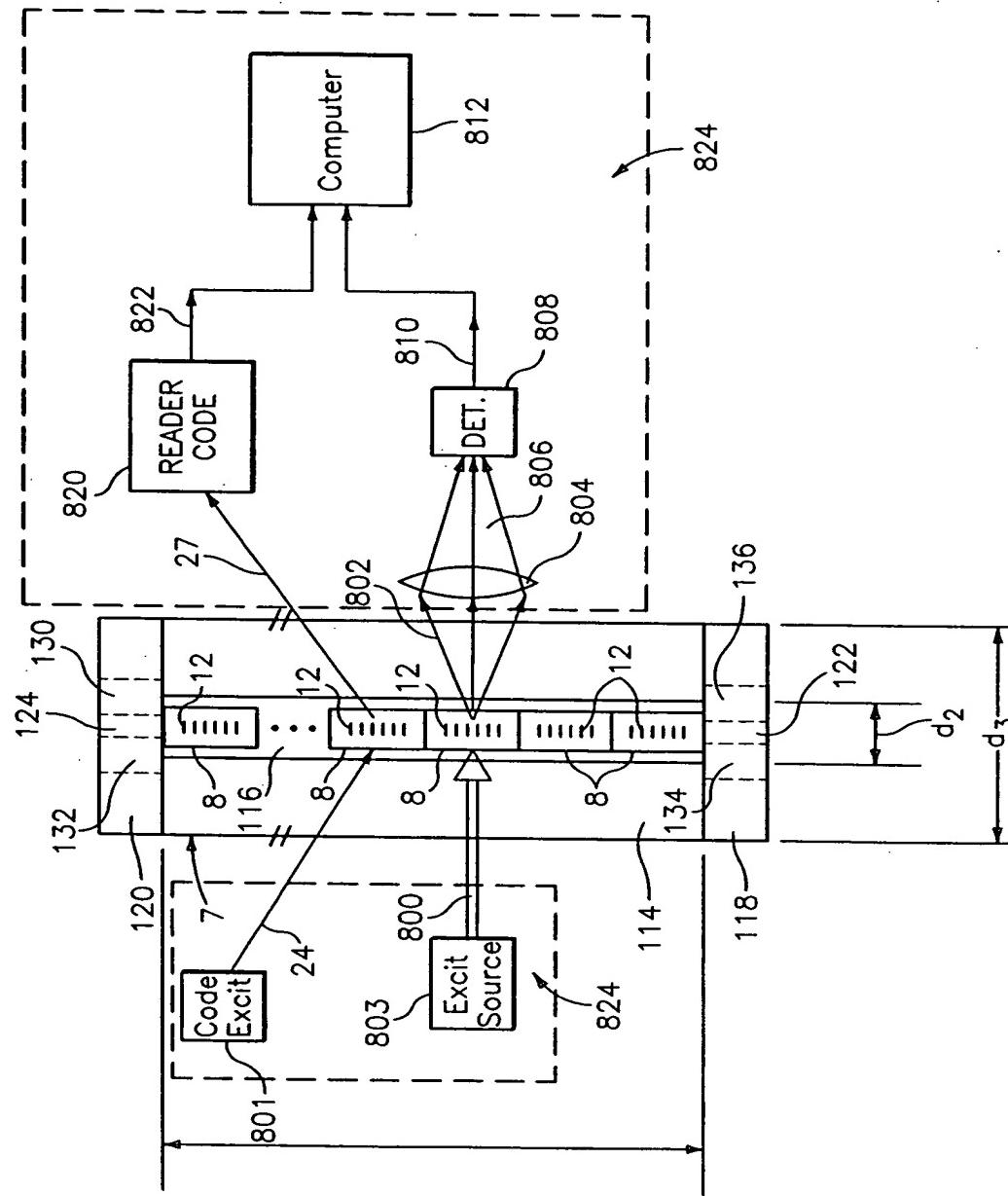


FIG. 1

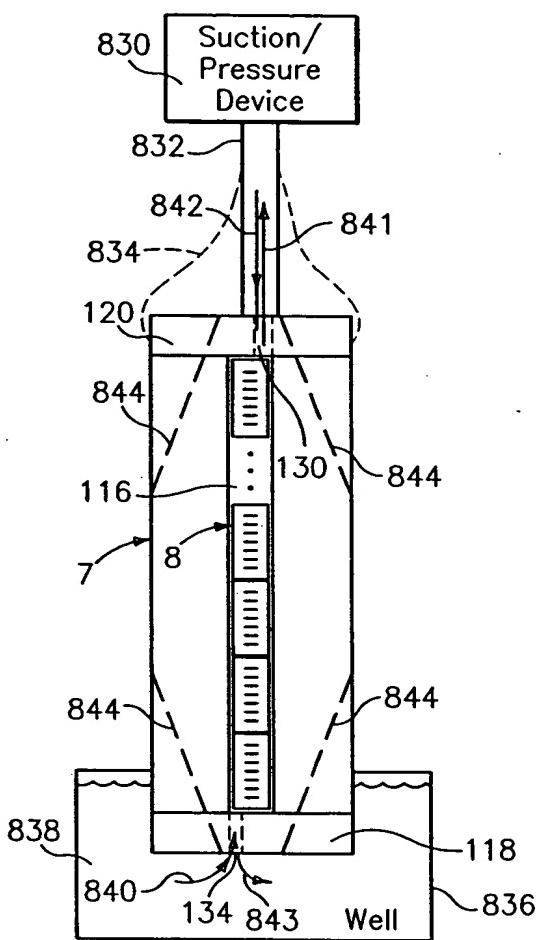


FIG. 2

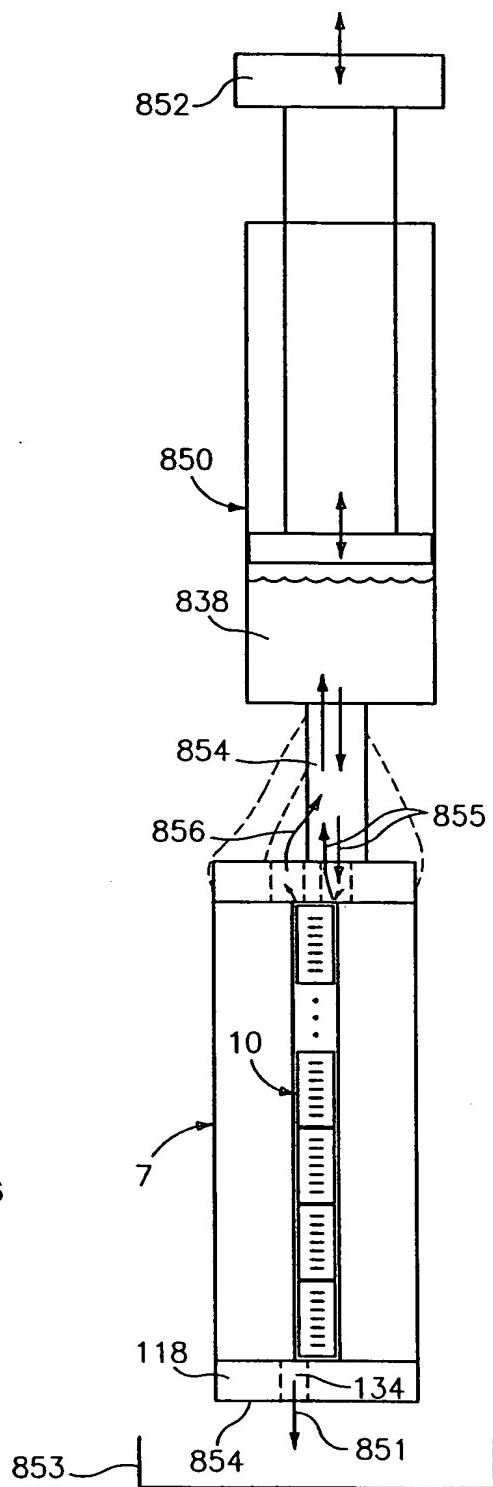


FIG. 3

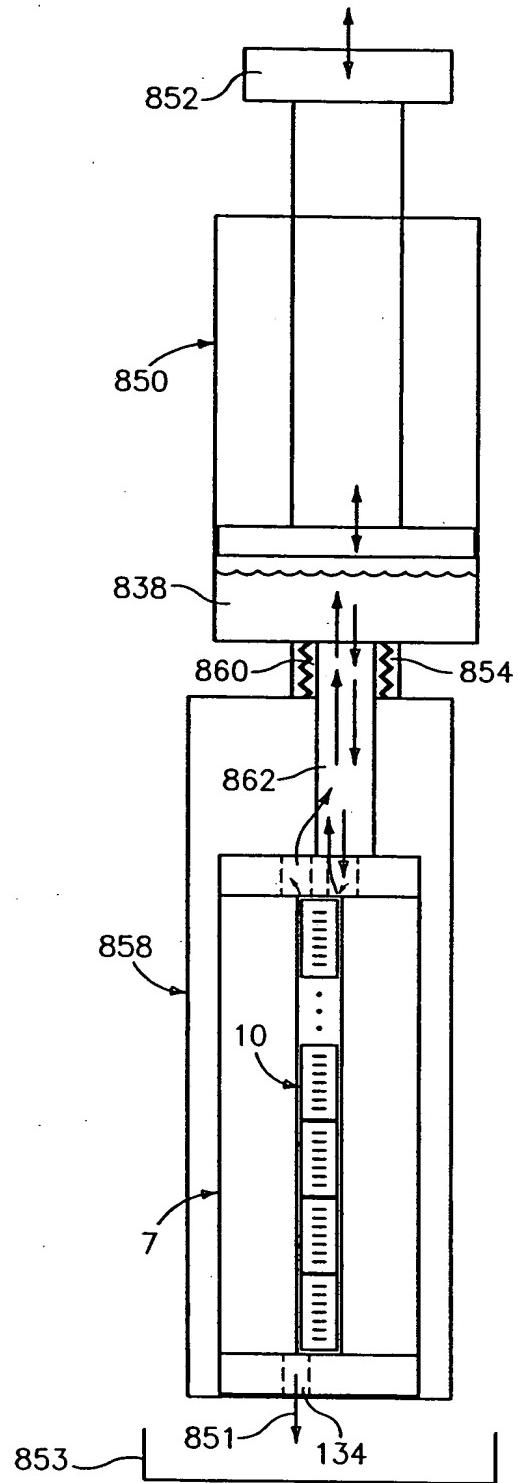


FIG. 4

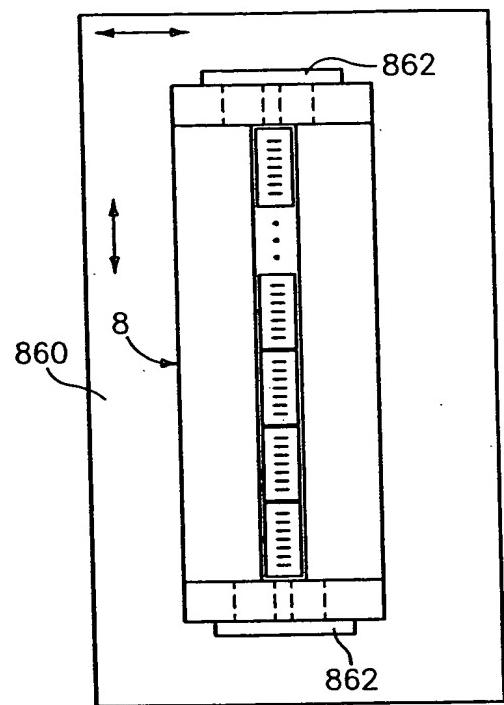


FIG. 5

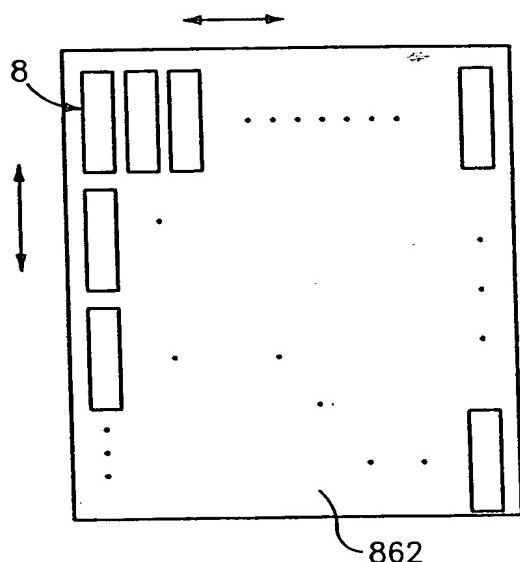


FIG. 6

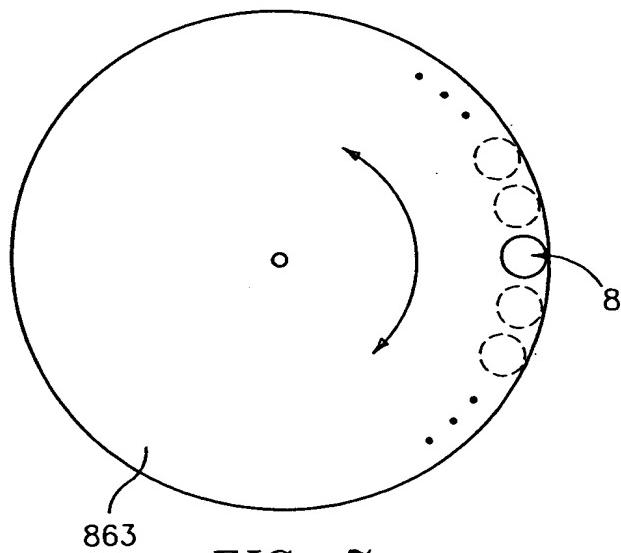


FIG. 7

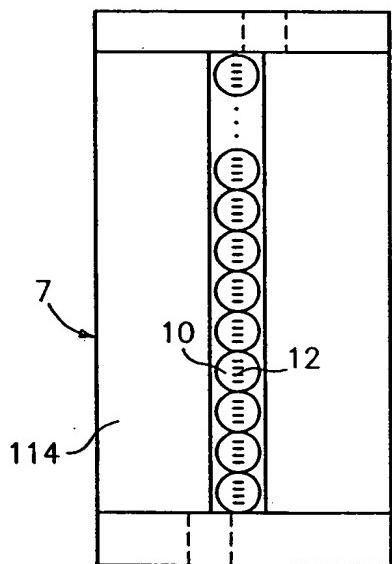


FIG. 8

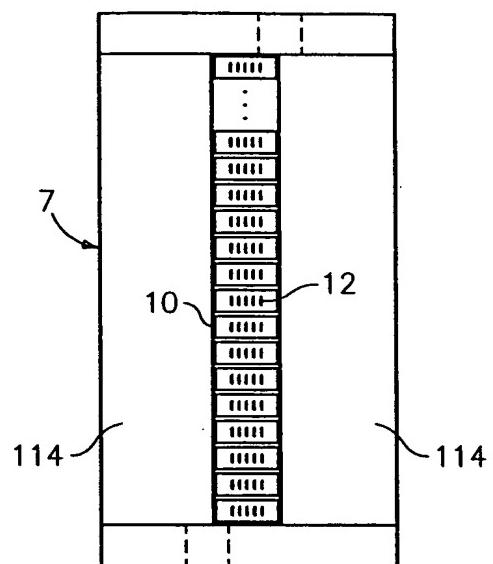


FIG. 9

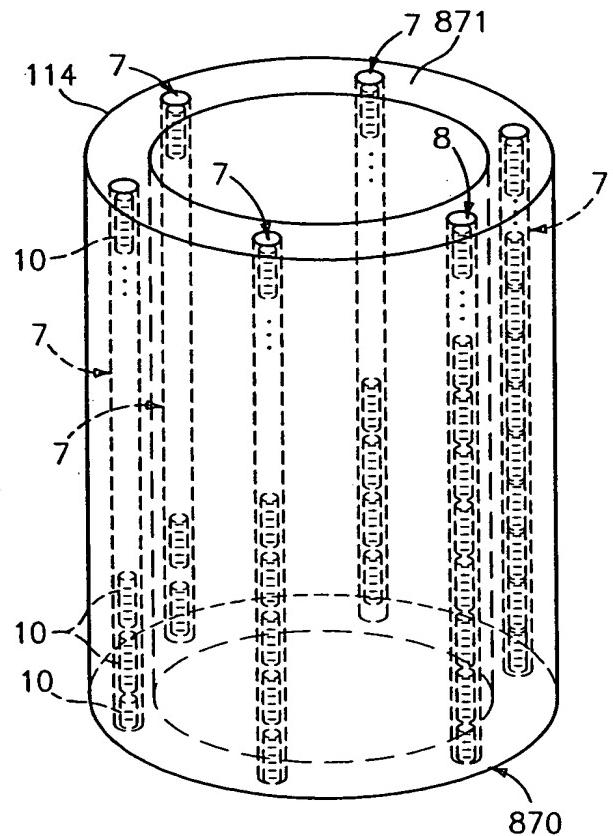


FIG. 10

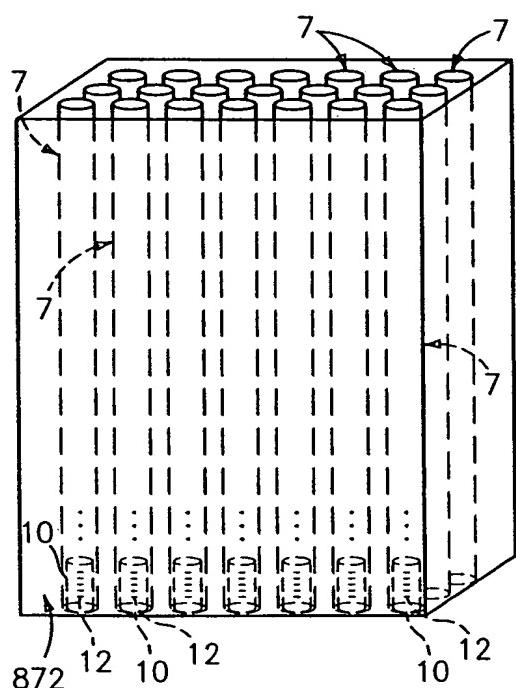


FIG. 11

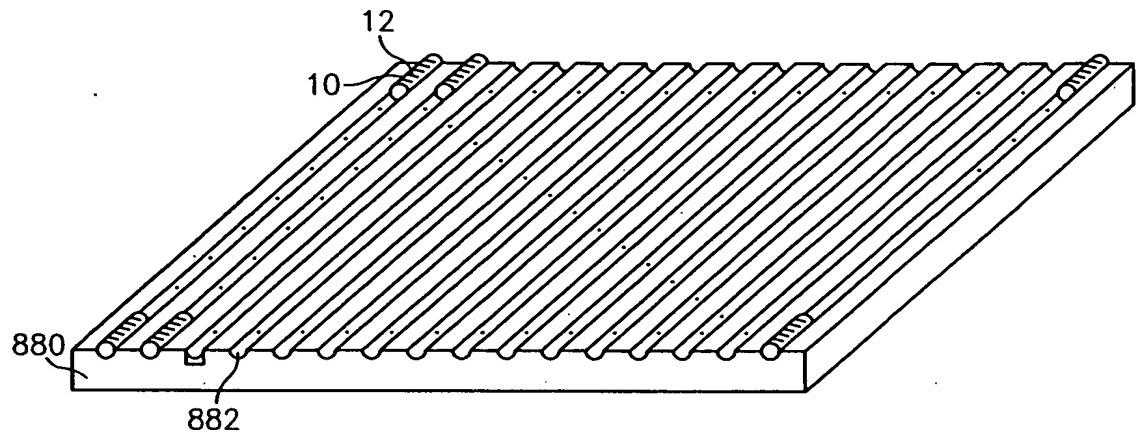
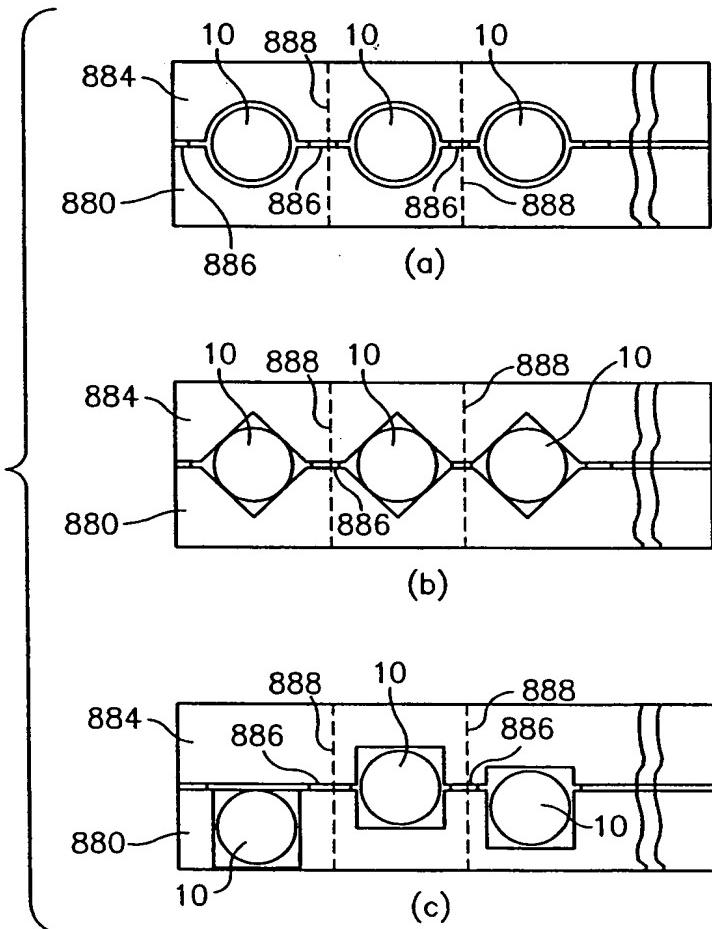


FIG. 12

FIG. 13



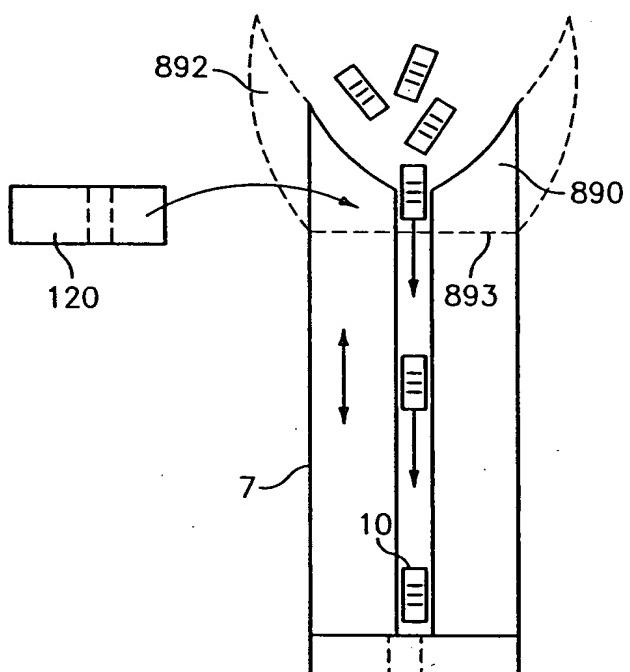


FIG. 14

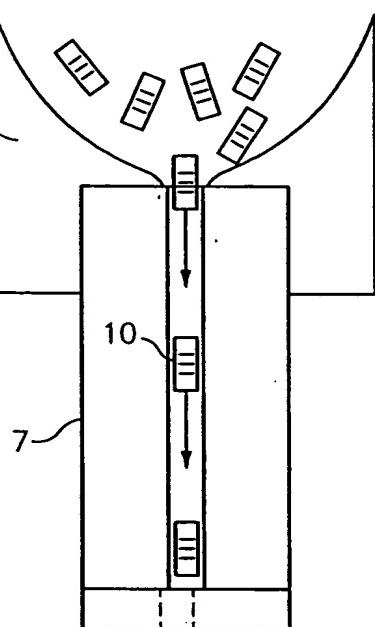


FIG. 15

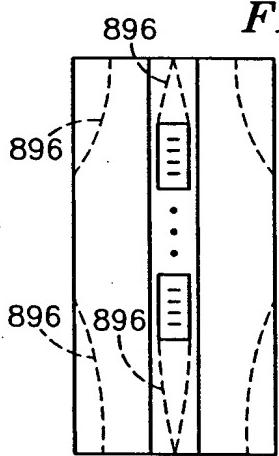


FIG. 16

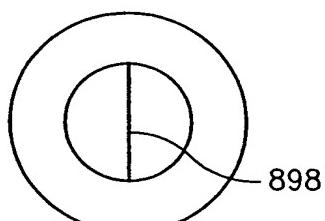


FIG. 18

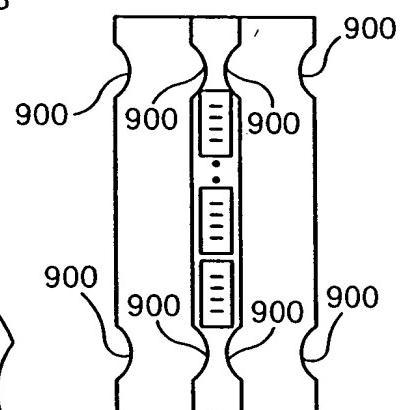


FIG. 19

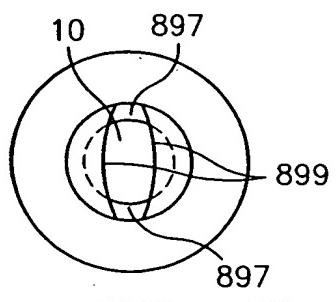


FIG. 17

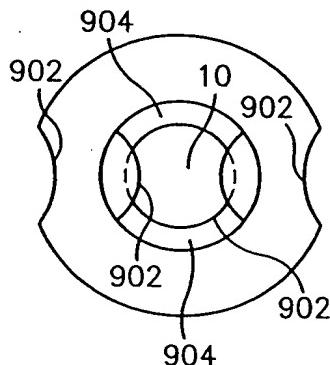


FIG. 20

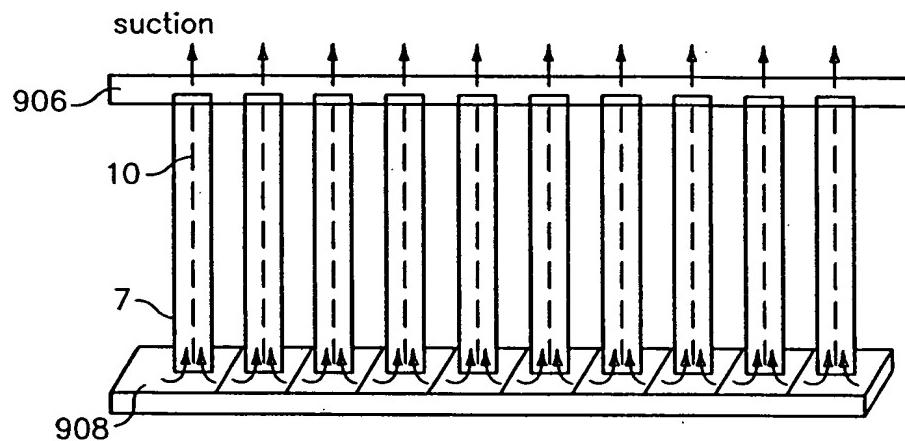


FIG. 21

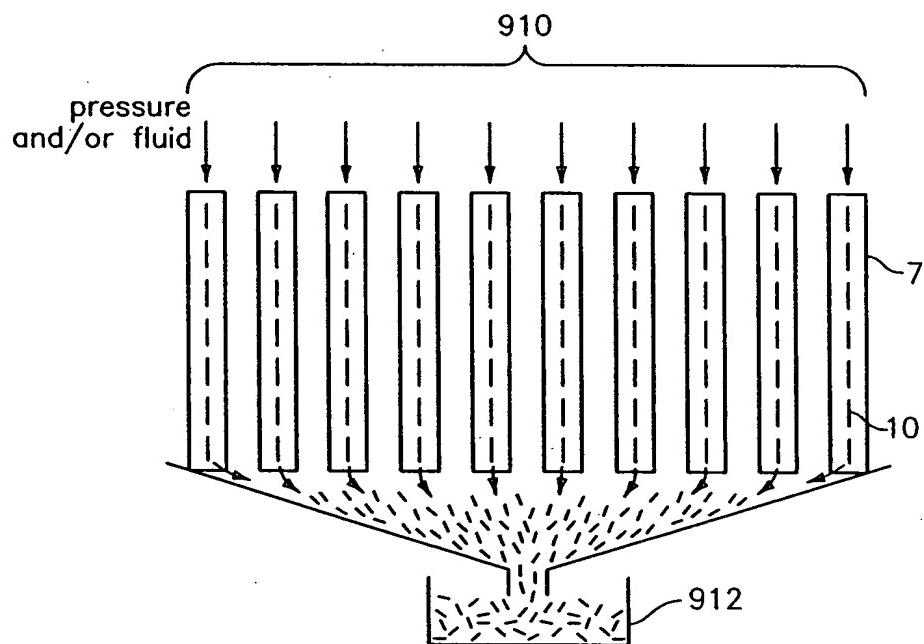


FIG. 22

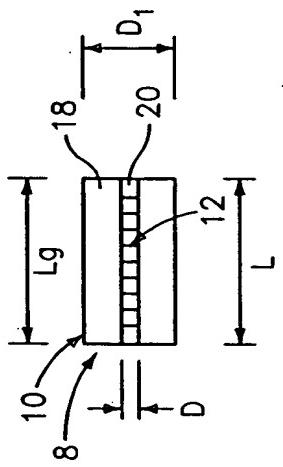


FIG. 25

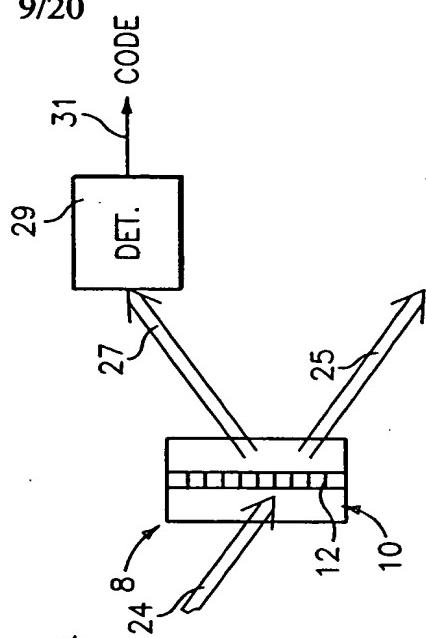


FIG. 26

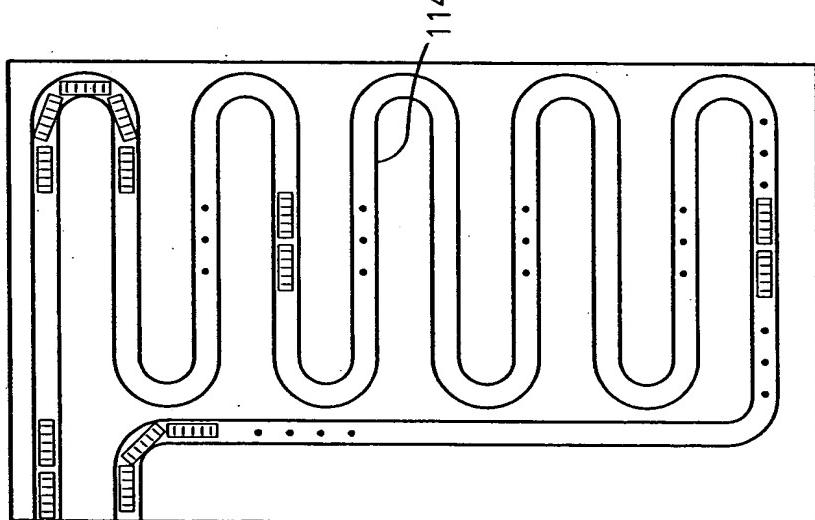


FIG. 24

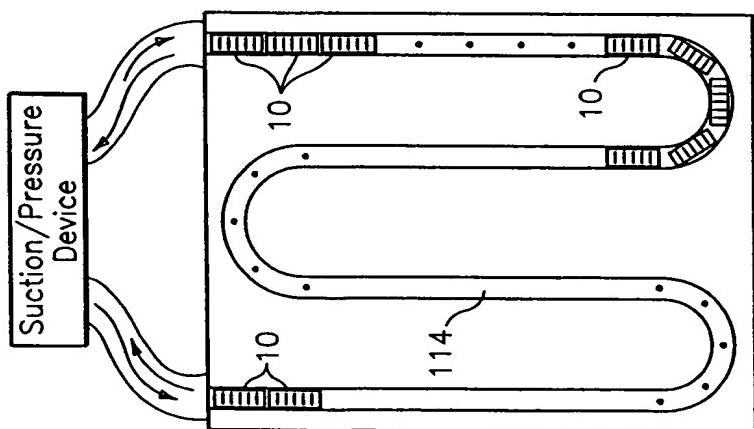


FIG. 23

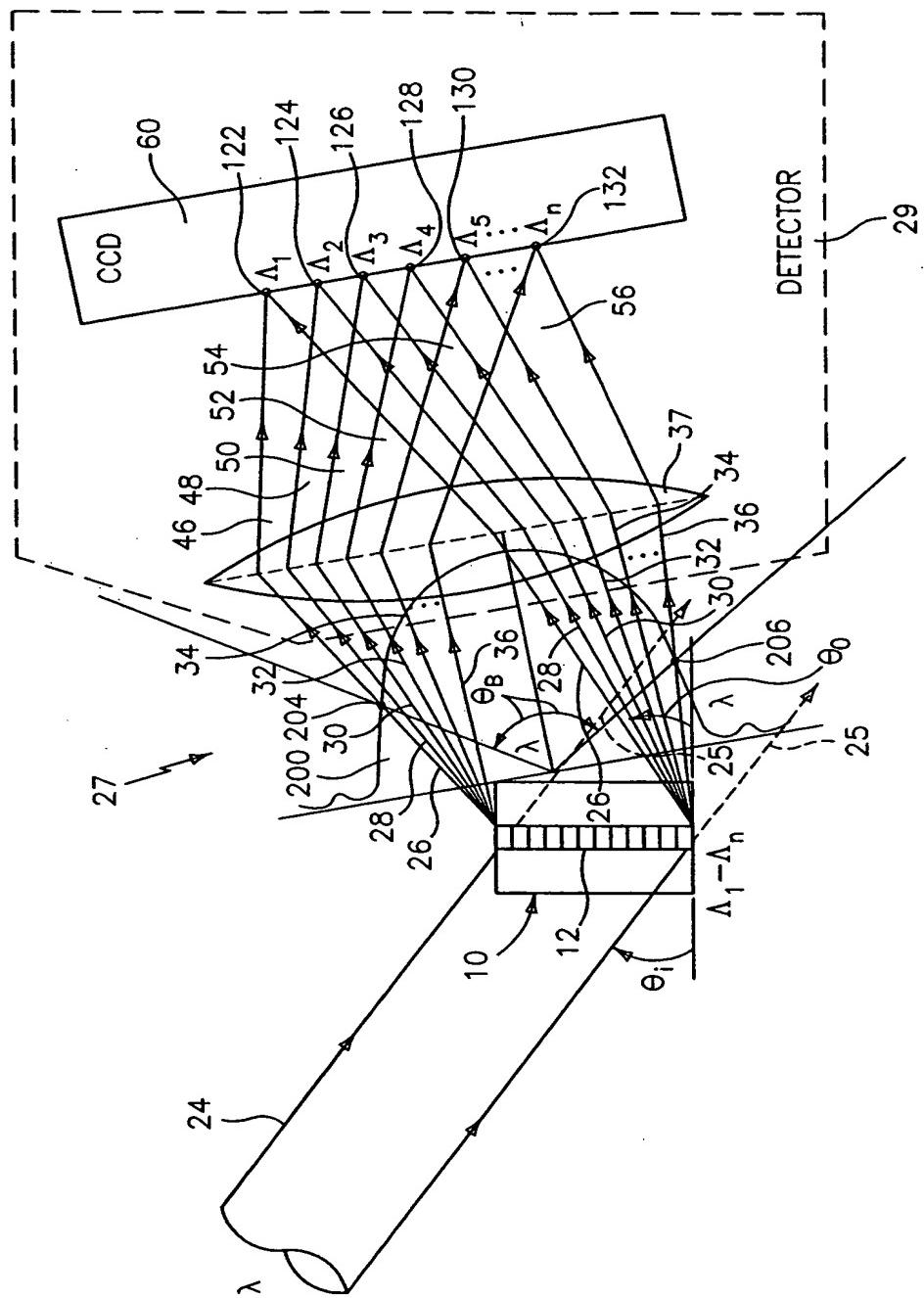


FIG. 27

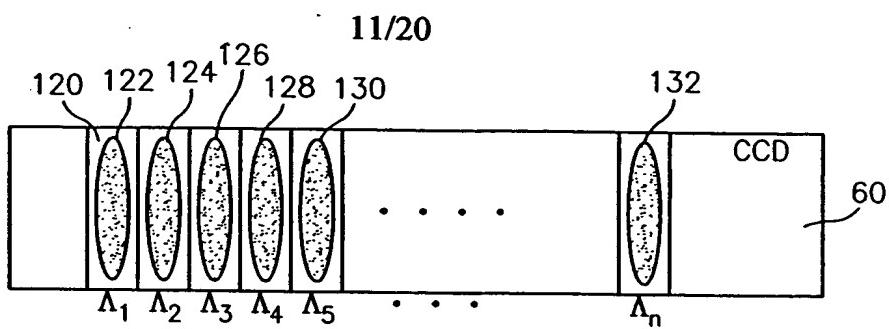


FIG. 28

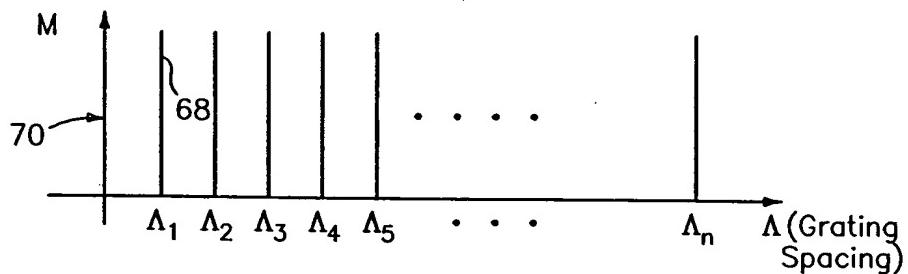
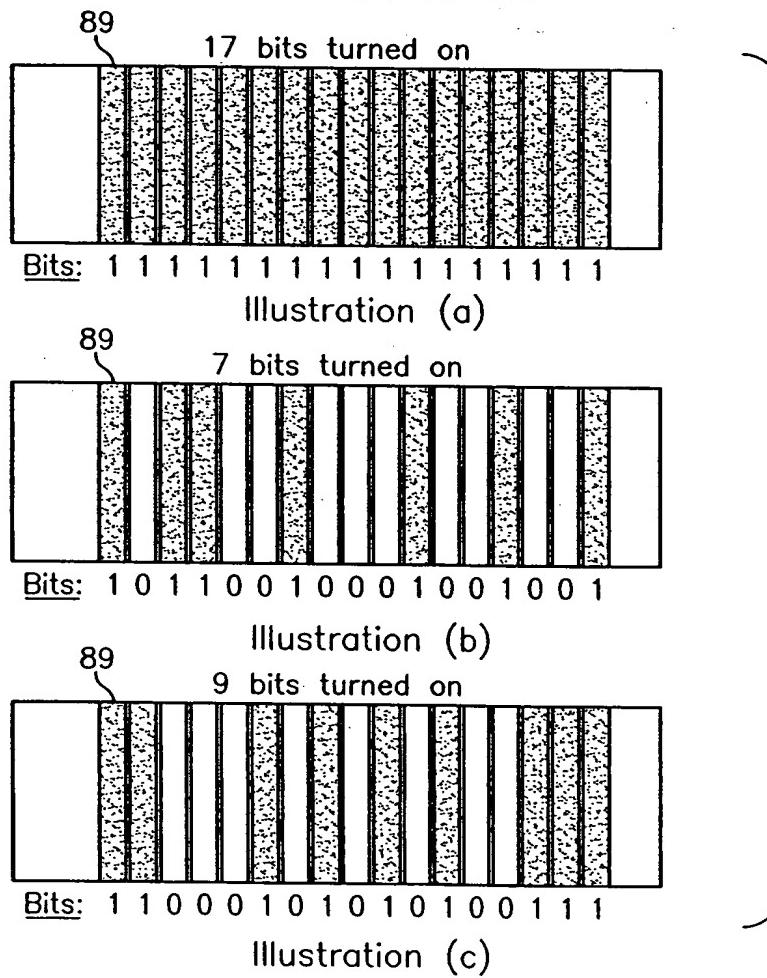


FIG. 29



- FIG. 30

12/20

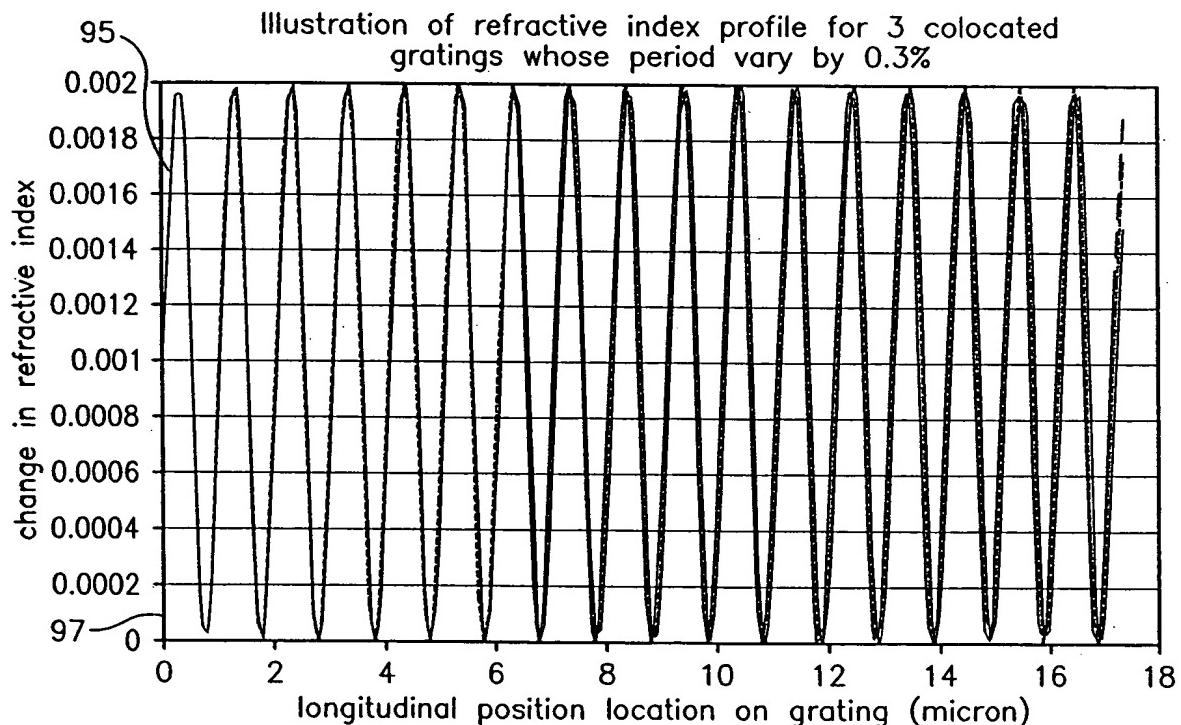
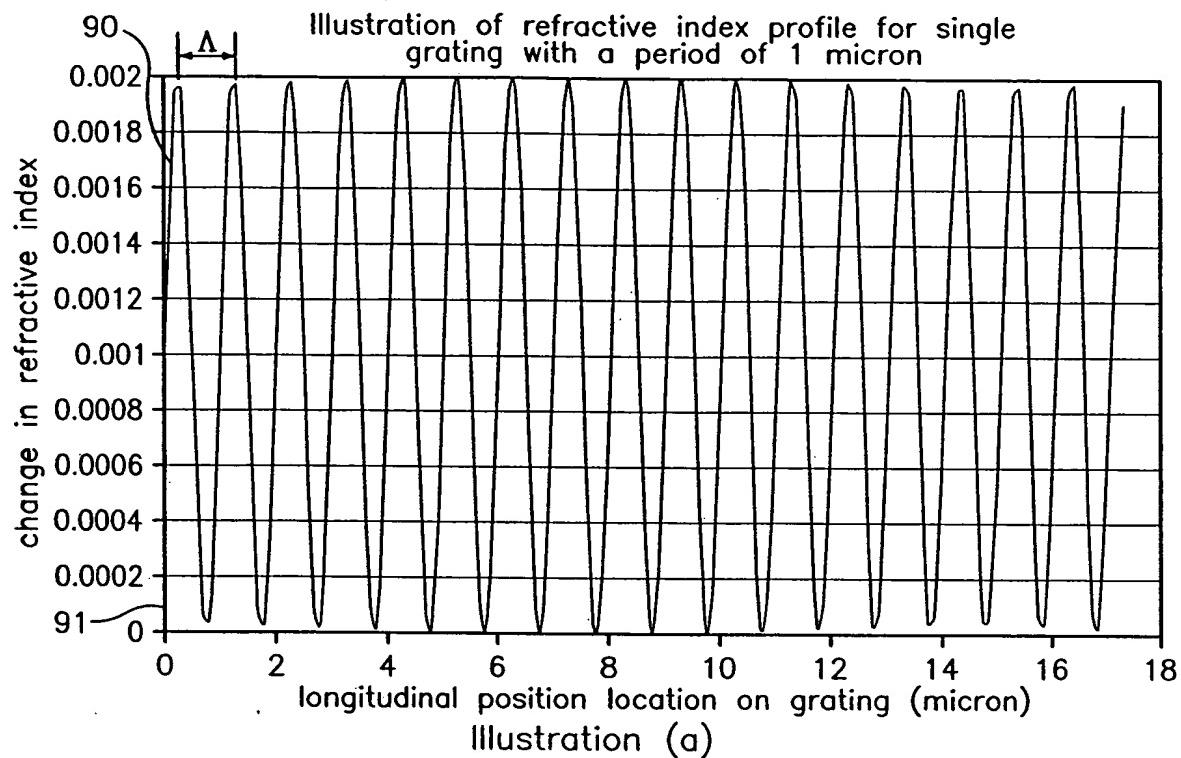


FIG. 31

Illustration (c)

13/20

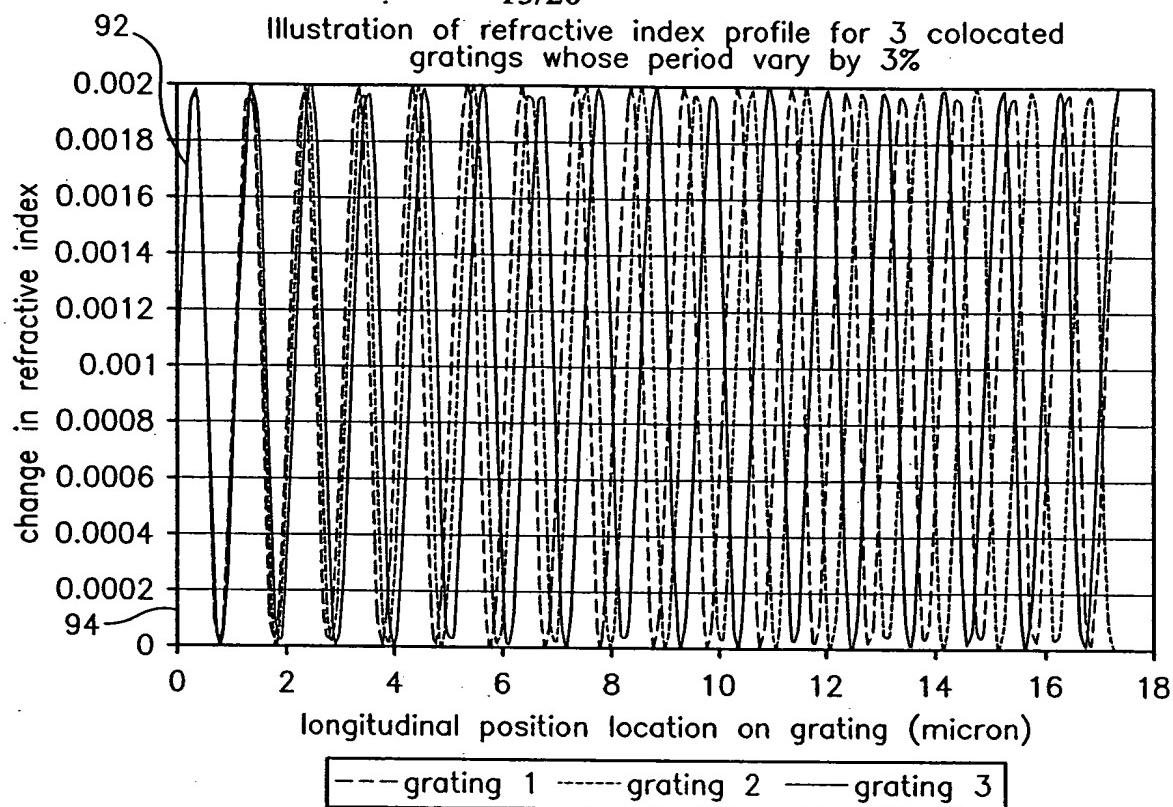


Illustration (b)

Index modulation caused by superposition of 3 gratings where the pitch between each grating varies by 3%.

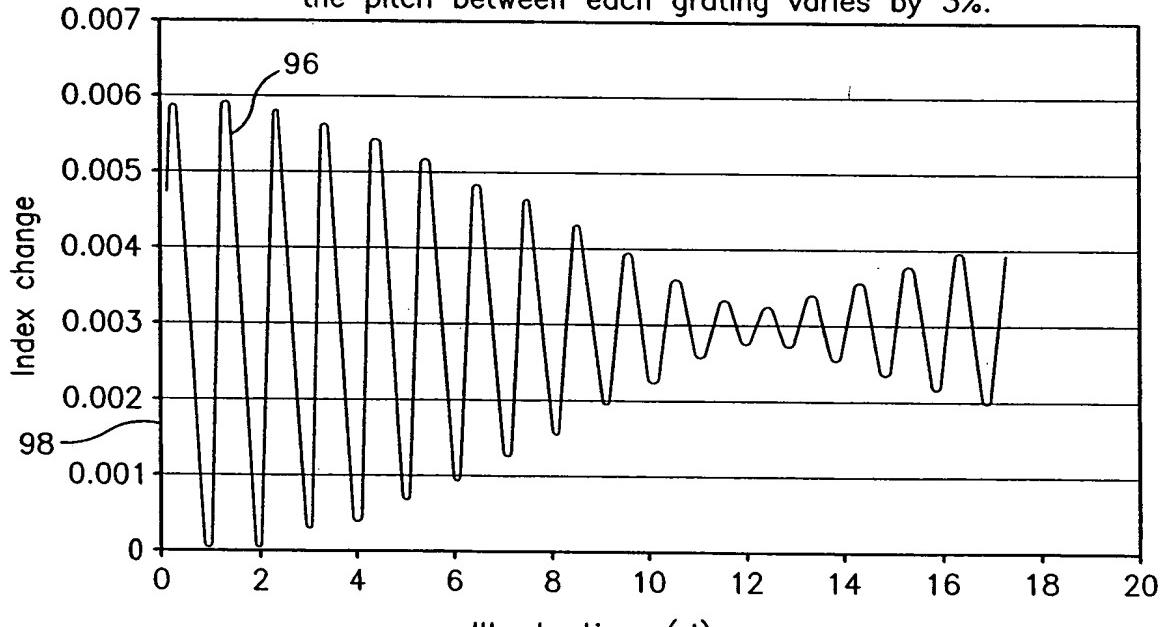


FIG. 31

Illustration (d)

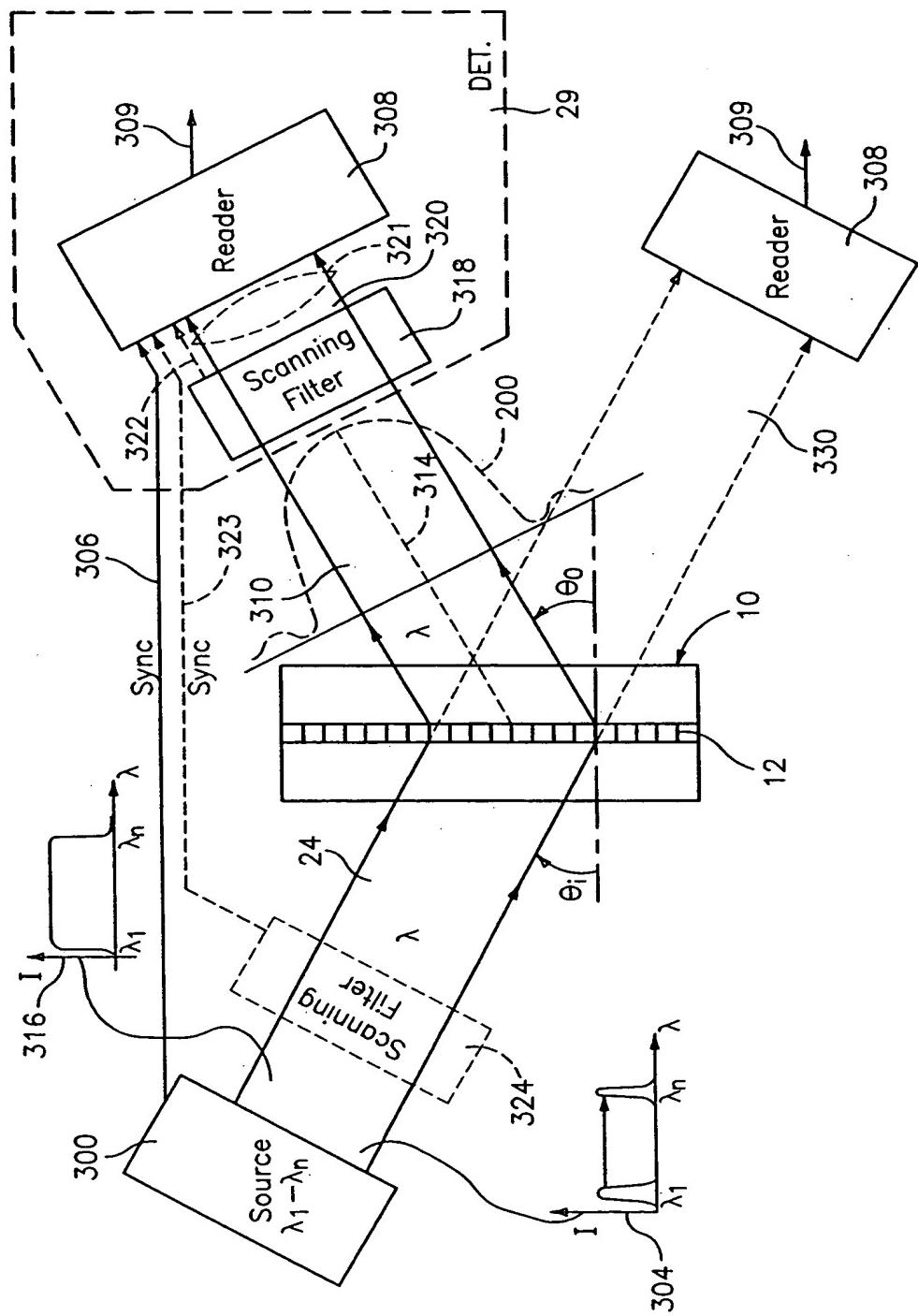
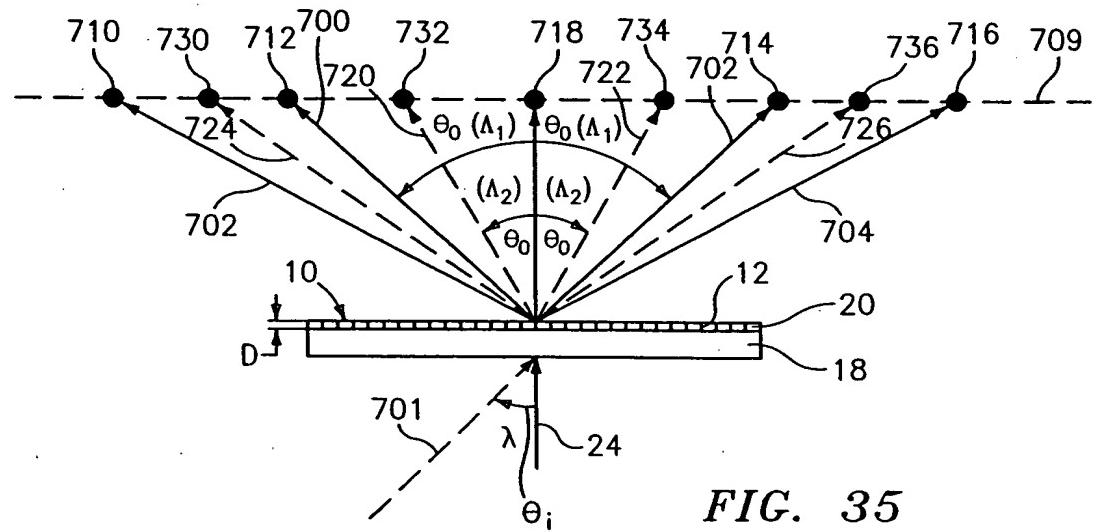
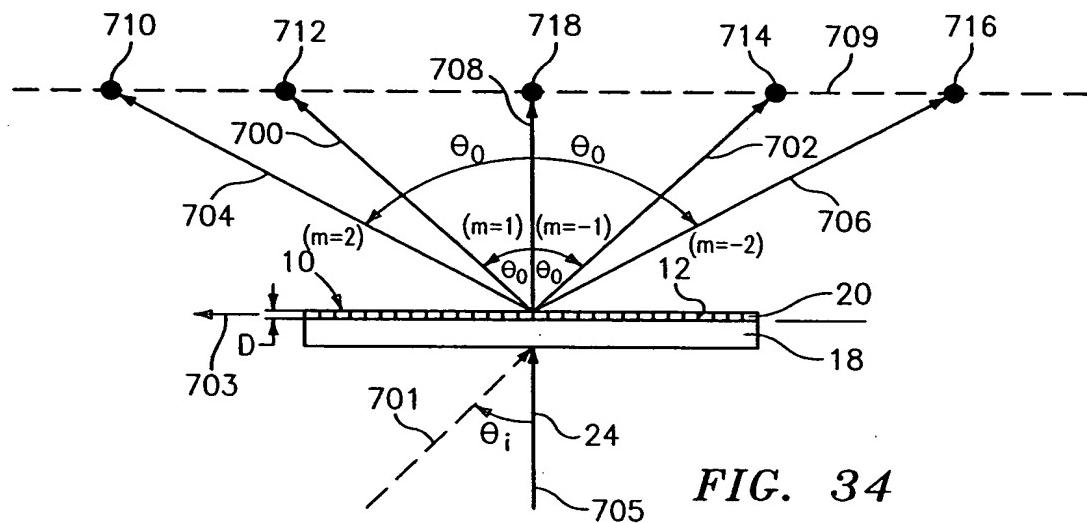
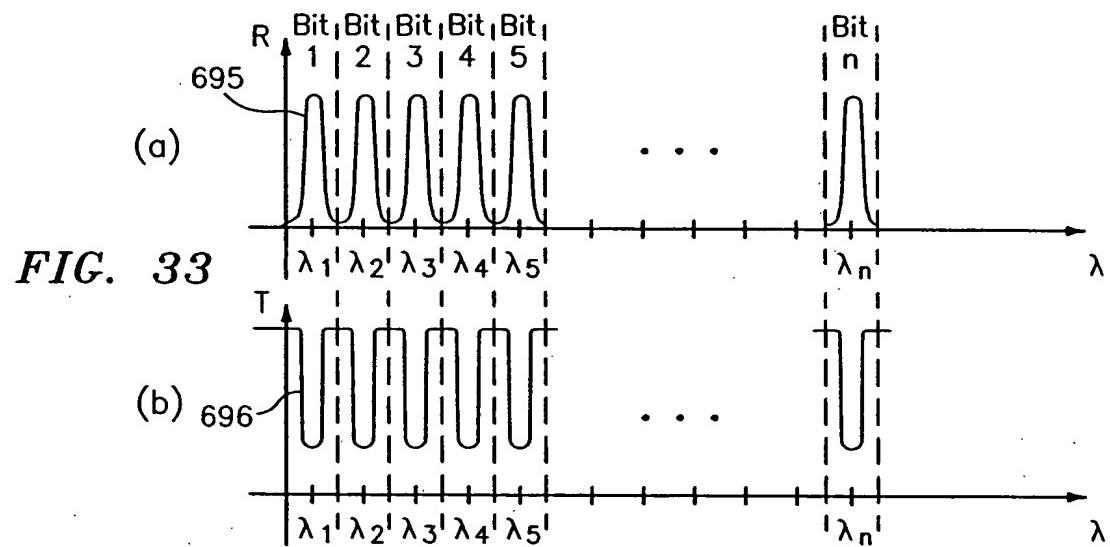


FIG. 32



16/20

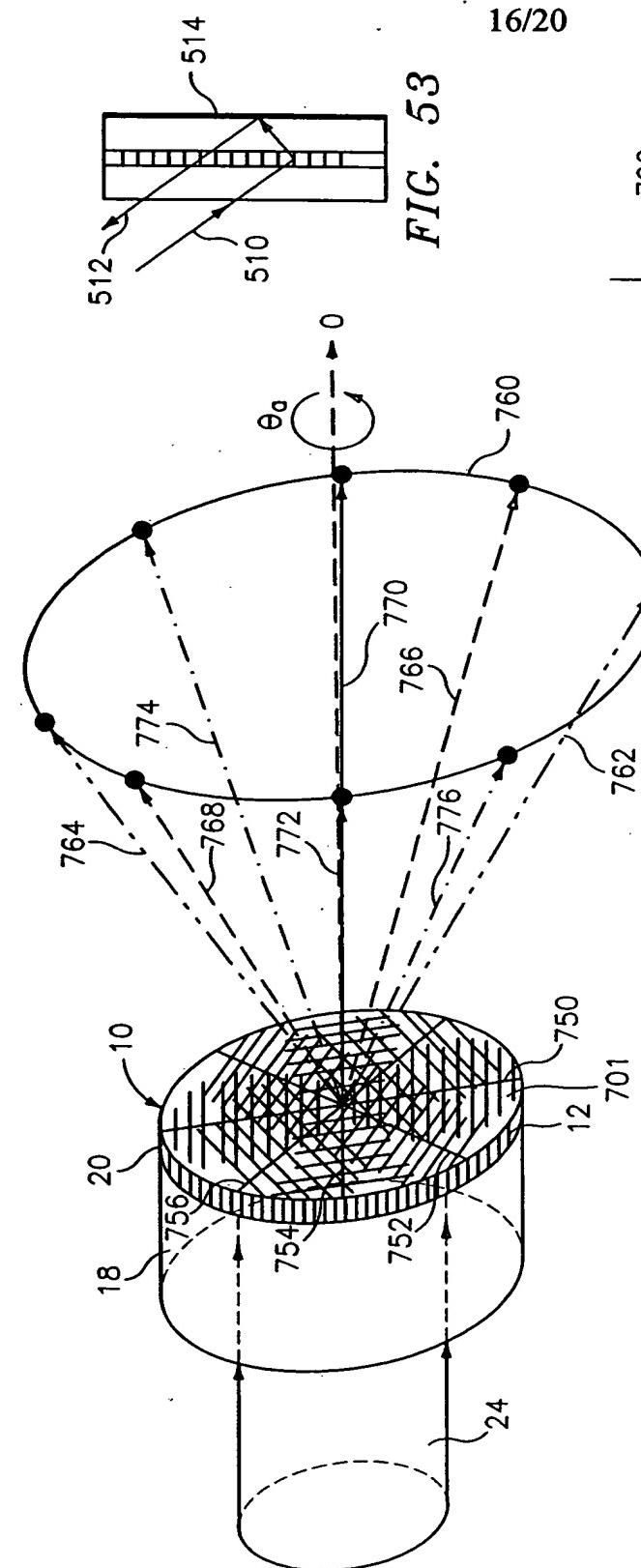


FIG. 36

FIG. 53

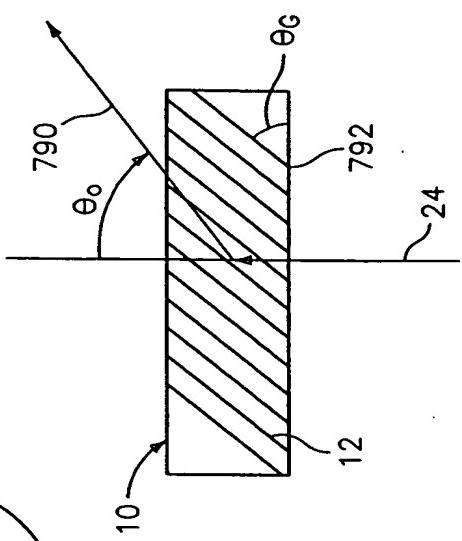
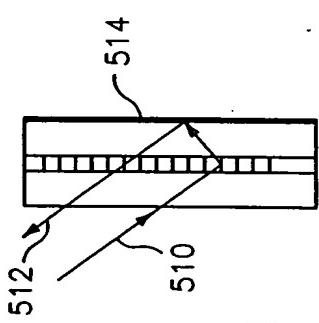


FIG. 37

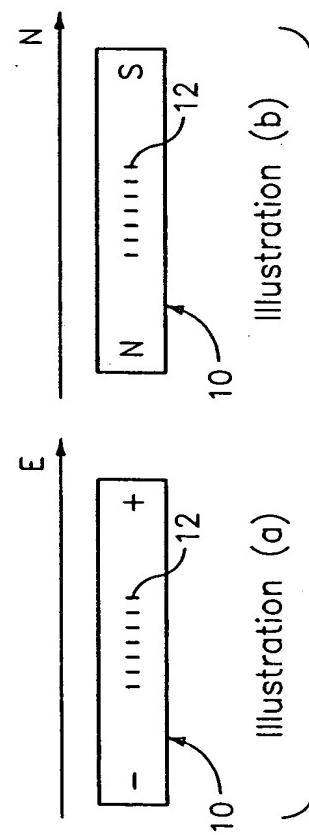


FIG. 54

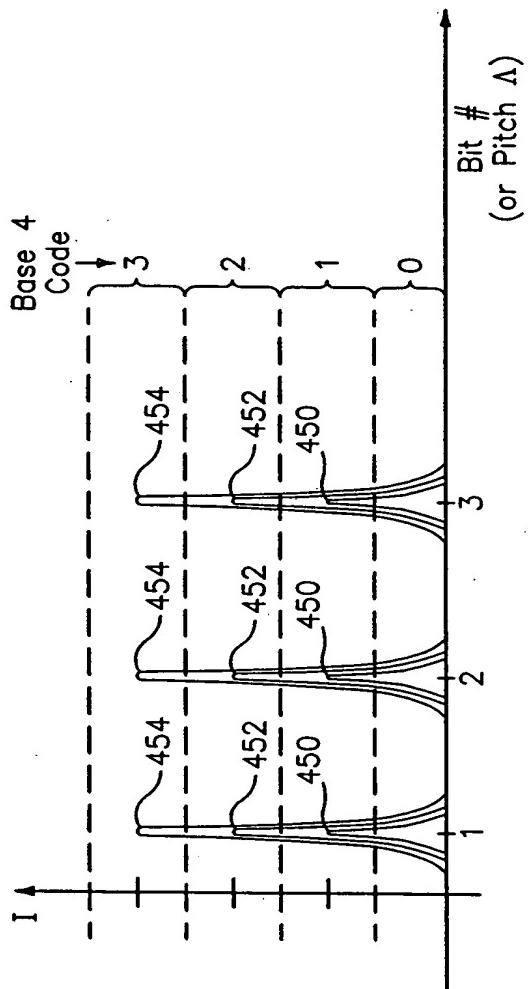


FIG. 38

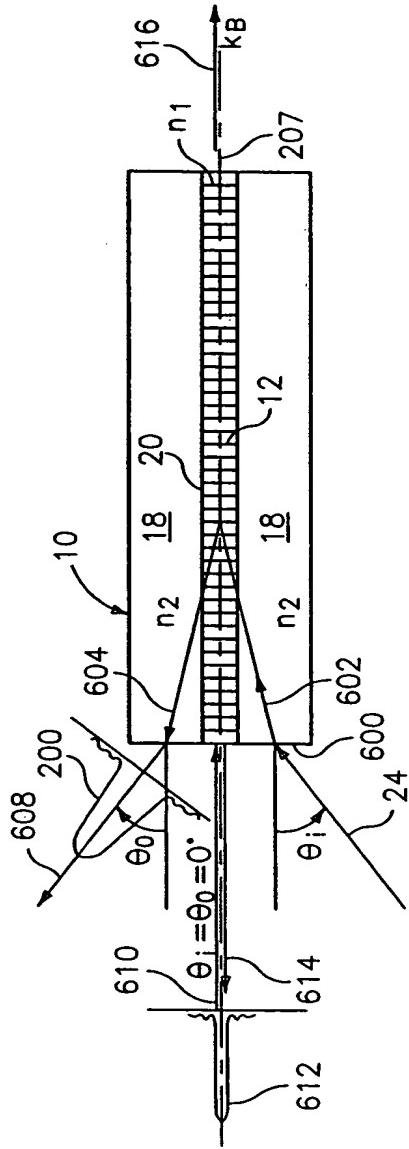


FIG. 39

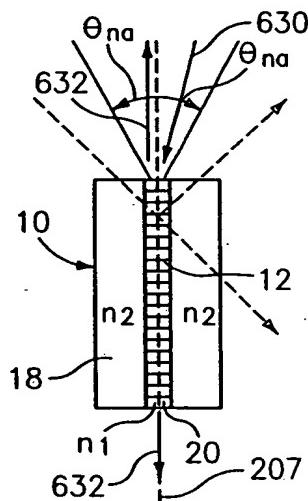


FIG. 40

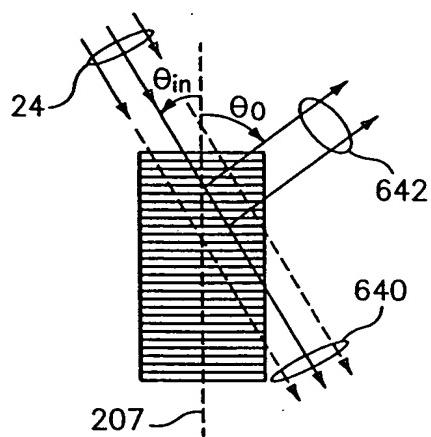
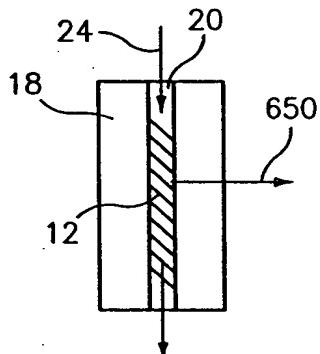
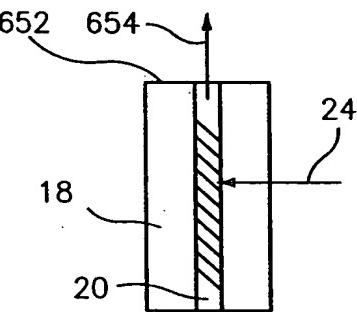


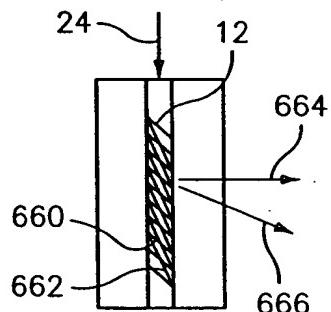
FIG. 41



Illustration(a)



Illustration(b)



Illustration(c)

FIG. 42

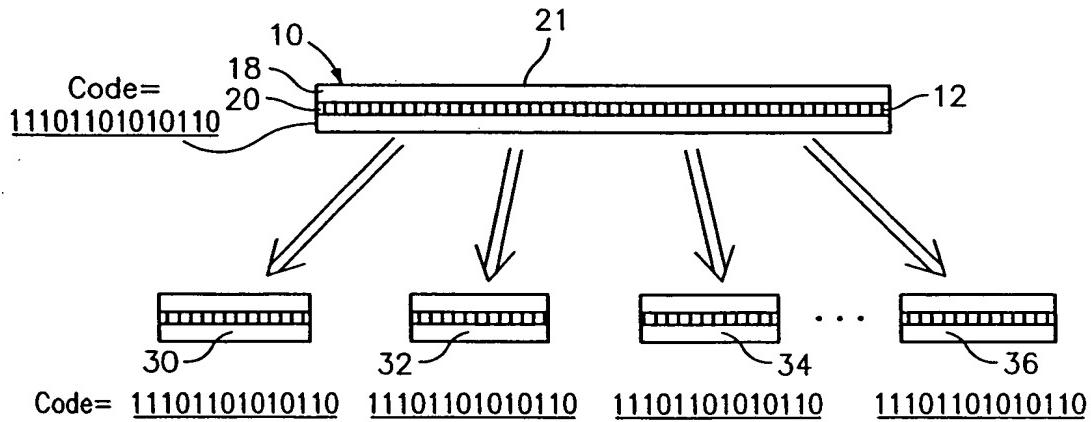
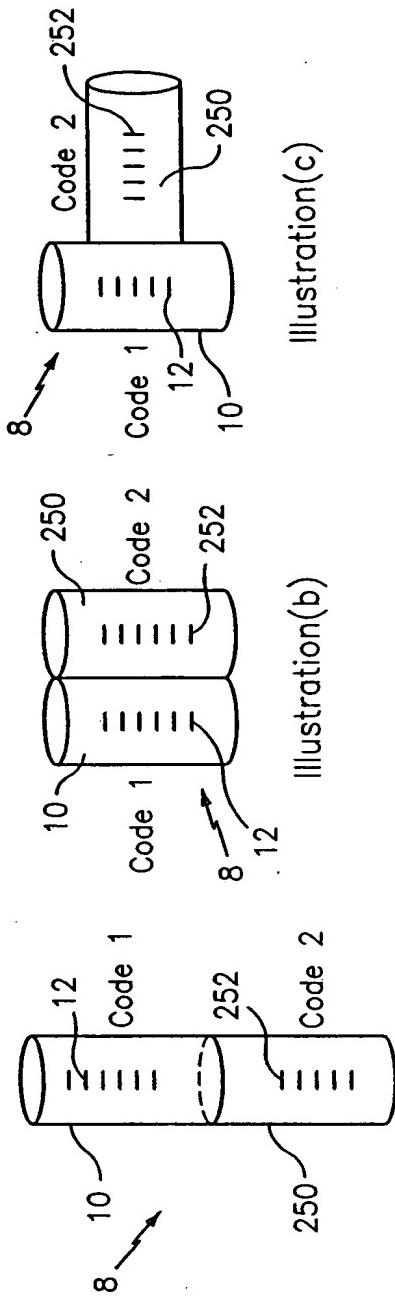


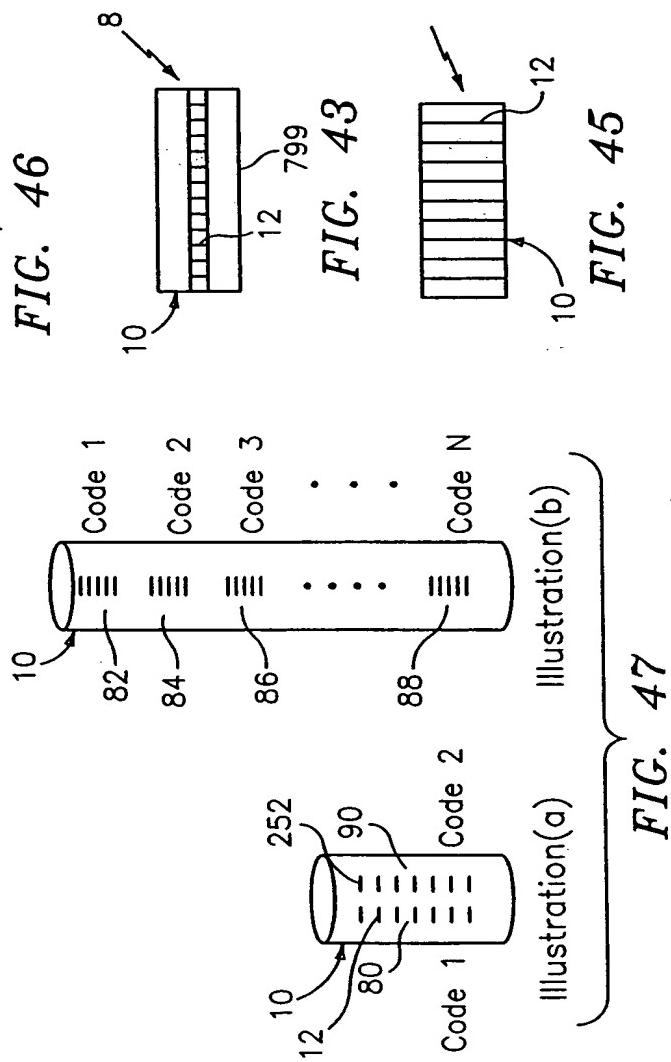
FIG. 44



Illustration(a)

Illustration(b)

Illustration(c)



Illustration(a)

Illustration(b)

FIG. 47

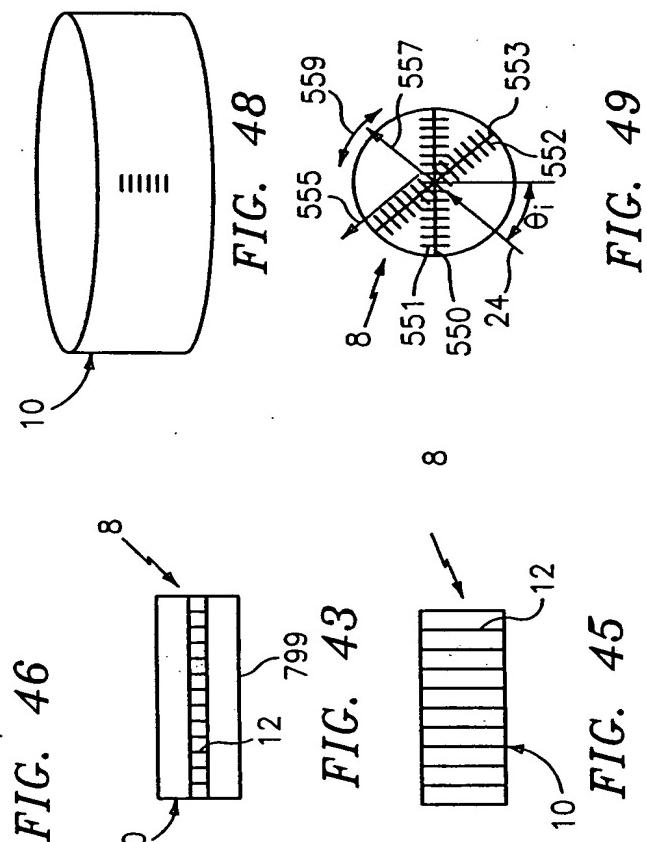


FIG. 48

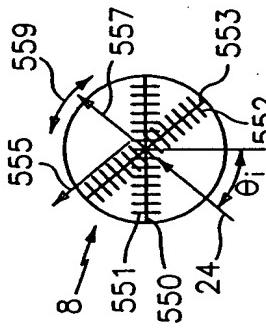


FIG. 43

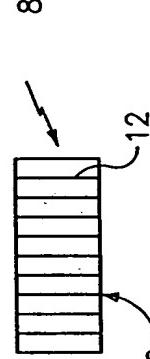


FIG. 49

FIG. 49

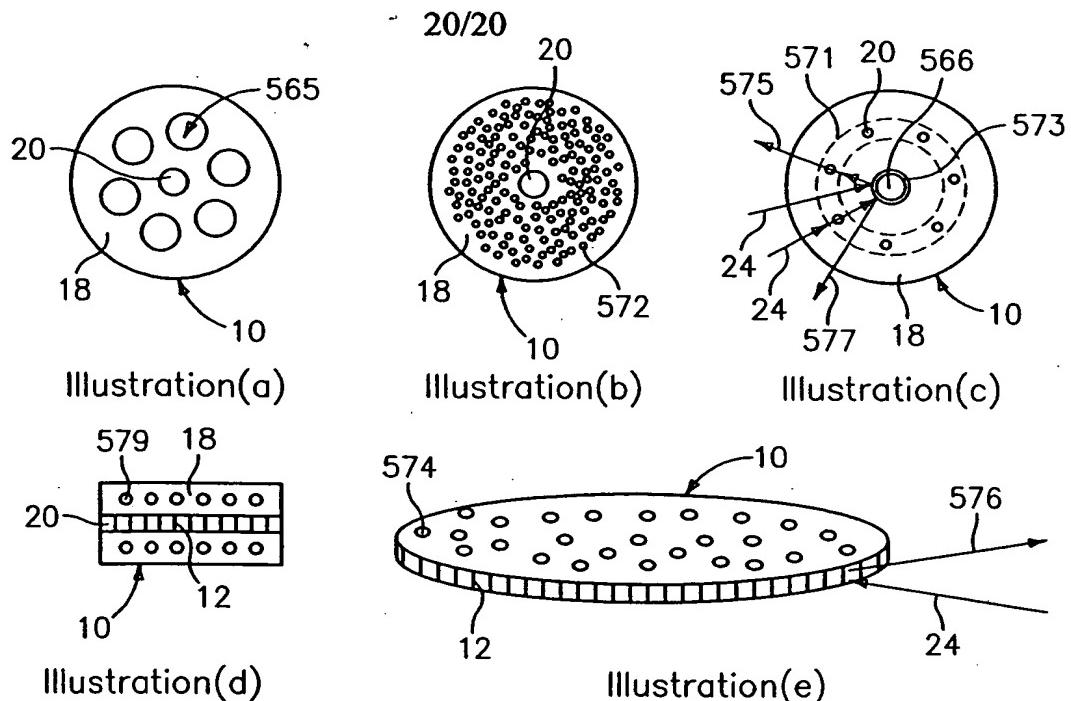


FIG. 50

